



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

GENERAL INDEX.

Volume IX, Pittsburgh meeting, 1887. Volume X, Columbus meeting, 1888.

ACTINOSPARIUM, Eichhornii, X, 107, 172
 Addresses— X, 107, 172
 President's annual (Rogers), IX, 5
 " (Kellicott), X, 5
 Address of Welcome by B. C. Jillson, IX, 335
 Reply (Rogers), IX, 337
 Address of Welcome by President
 Scott, X, 173
 Address of Welcome by C. B. Griffin, X, 182
 American and European microscopes, X, 149
 Amendment of constitution proposed, IX, 357
 Amplifier, its use, especially in relation
 to photo-micrography, IX, 263

BACILLUS of foot-rot in sheep, IX, 209, 350
 " Leprosy, X, 119, 172
 Bacteria as a cause of disease, IX, 193
 Berry's Hard-finish, IX, 345
 Blood Corpuscles, comparative size in
 men and the domestic animals,
 " IX, 216, 350
 size of human, IX, 222, 223
 " in new-born
 rabbit, IX, 224
 " in aged rabbit, IX, 222
 " in dog, IX, 226
 " in puppy, IX, 227
 " in mule, IX, 228
 " in calf, IX, 229
 " in aged cat, IX, 230
 " in new-born
 child, IX, 231
 Illustrations from
 photo-micrographs, IX, 232
 form and size in
 adult and larval
 lamprey eels, X, 77
 Bleile, A. M., remarks, X, 185
 Braddock, excursion to, IX, 348
 Breshear, John A., invitation to A.S.M., IX, 341
 Bruns, H. Dickson, motion by, IX, 344
 Burrill, T. J., Disease germs, IX, 193, 347
 " " The Erysipheæ of Illinois,
 " IX, 301, 357
 " Remarks, IX, 355
 " " Ustilagineæ, or snuts;
 with a list of Illinois
 species, X, 45, 176
 Butter and other fats, IX, 315
 By-law, Change in by-law seven, IX, 338
 " New by-law, all motions relating
 to business to be referred
 to Executive Committee before
 discussion by the Society, IX, 339
 " Change in by-law five, X, 176
 By-laws, X, 189

CAMERA, New photo-micrographic
 Camera, IX, 263, 280
 Cardiac muscle cells in man and certain
 other mammals, IX, 283, 356
 Catalogue, Description of Ward's slide,
 catalogue, IX, 233
 Cement cells, cause of leakage in glycer-
 ine mounts, IX, 173
 Cements and Waxes, discussion, IX, 345
 Centimeter scale, Comparison of "Fa-
 soldt II," with "Centimeter Scale A,"
 IX, 299, 357
 Chautauqua, Some Entomostraca found
 in Lake Chautauqua, IX, 246
 Collection, Specimens owned by A.S.M., IX, 322
 Committees, Reports of Nominating
 Committee, IX, 354; X, 176, 181
 " on micrometry, X, 163
 " on Fasoldt test plate, X, 181
 " on Standard micrometer
 screw, discharged, IX, 358
 " on poisonous meats and
 dairy products, X, 171
 on publication of journal, X, 171
 Constitution and By-laws, X, 187
 Contributions to the life history of the
 Diatomaceæ, Part II, IX, 126
 Copepoda, Description of a new spe-
 cies, Ergasilus Chautauquaensis, IX, 246
 Cover-glass, thickness of, for unadjust-
 able objectives, IX, 168, 171, 172
 Cutter, Ephraim, IX, 355

DAVIS, MYRON C., IX, 333
 Detmers, Freda, the comparative
 size of blood corpuscles of man
 and domestic animals, IX, 216, 350
 Detmers, H. J., paper read by, IX, 350
 " remarks, IX, 354, 355, 356; X,
 " 172, 181
 " " photographing with
 high powers by lamp
 light, X, 143
 " " American and Euro-
 pean microscopes, X, 149, 167
 " presentation remarks by, X, 186
 Development and supposed new method
 of reproduction in the sun-animal-
 cule, X, 107, 172
 Diatomaceæ, a contribution to their
 life history, IX, 126
 " motion of, IX, 126
 " reproduction and growth of, IX, 136
 Dry mounts, X, 172

ELECTRIC LIGHT, X, 178
 Ergasilus Chautauquaensis, IX, 246
 Erysipheæ of Illinois, IX, 301, 357

Ewell, Marshall D., comparison of centimeter scale "Fasoldt II," with "Centimeter Scale A,"..... IX, 299

FALLACIES of popular bacterial research,..... IX, 254

Fats, Crystallography of,..... IX, 315

Fell, George E., Report as Treasurer and Custodian, .IX, 324

" " Remarks, IX, 341, 354, 356;..... X, 172

" " The examination of legal documents with the microscope, X, 172

" " Effects of powerful electric currents on animal tissues,.... IX, 343

" " Report on micrometry, X, 163

Fellows, Charles S., Description of *Ergasilus Chautauquensis*,... IX, 246, 351

Form and size of the red blood corpuscles of Lamprey eels,..... X, 77; X, 171

Francis, Mark, The Bacillus of footrot in sheep,.... IX, 209, 350

GAGE, Simon H., microscopical tubelength, IX, 168, 341, 342

" " Thickness of cover glass,..... IX, 168

" " Determination of the number of Trichinae in a given quantity of meat,.... IX, 191, 347

" " Remarks, IX, 341, 343, 356

" " Form and size of the red blood corpuscles of the adult and larval lamprey eels,..... X, 77, 171

Gage, Susanna S. P., Ending and relation of the muscular fibers in the muscles of minute animals (abstract), IX, 207, 347

Gamphogaster Areolatus, A new rotifer,..... IX, 250

Germes, as a cause of disease,.... IX, 193

Griffin, C. B., address of welcome,.... X, 182

Griffith, E. H., a new fine adjustment, X, 161, 177

Gundlach, Ernst, apochromatic objectives,..... IX, 342

HENRICI, Jacob F., note on a microscope presented by Linnaeus to Bernard Jussieu in 1738,.... IX, 214, 350

" " " an old microscope,.... X, 140

ILLINOIS, List of *Erysipheæ*,.... IX, 307

Imbedding, with Japan wax,.... IX, 345

Infusoria, Some new and rare,.... IX, 187, 342

" Observations on,..... X, 97, 177

Iron City Microscopical Society,.... IX, 348

JACKSON, Chevalier Q., The Bacillus of Leprosy,..... X, 119, 172

James, Frank L., shrinking of cement cells, the cause of

James, Frank L., leakage in glycerine mounts,..... IX, 173

" " crystallization by cold, IX, 342

" " Remarks on zinc cement,..... IX, 346

" " Method of making a colorless solution of copal,..... X, 171

Remarks,..... X, 172, 179

Japan wax for imbedding, IX, 345

melting point of,..... IX, 346

Journal, discussion relative to publishing one,..... X, 168

KELLCOTT, David S., additional notes on certain species of Rotifera,..... IX, 181, 342

" Some new and rare Infusoria,.... IX, 187, 342

" Report, list of slides belonging to A. S. M.,..... IX, 322

" Remarks,.... IX, 359; X, 175, 186

" Presidential address,..... X, 5, 170

" Partial list of Rotifera from Shiawassee river,.... X, 84, 171

" Observations on fresh water Infusoria, X, 97, 177

" Remarks,..... X, 166

" Response to Mayor Bruck,..... X, 170

LATHAM, Miss, Remarks,.... X, 168

Lewis, George W., Jr., The fallacies of popular bacterial research,..... IX, 254, 354

Lewis, William J., Remarks, IX, 343; X, 178, 186

" " Chairman Nominating Committee,.... IX, 343

" " Report on Collections for Spencer-Tolles fund,.... X, 176

" " Report on revision of Constitution and By-Laws,.... X, 181

Lomb, Carl F, Remarks,..... IX, 342

MANTON, W. P., Remarks, IX, 343, 351

Mellor, C. C., announcement,..... IX, 341

" " Remarks introducing President Rogers,.... IX, 343

" " an old microscope,.... X, 140

" " Remarks,..... X, 168

Members, list of,.... X, 191

Method of making a colorless solution of Copal,..... X, 171

Microscope, The, as a Factor in a study of the Behavior of Metals under variations of Temperature, W. A. Rogers (President's address),..... IX, 5

Microscope, tube-length, IX, 168

" note on one presented by Linnaeus to Bernard Jussieu in 1738,..... IX, 214

" new erecting apparatus for,..... IX, 340

" an old instrument of the Culpeper type,..... X, 140

- Microscope, a new attachment for projection, X, 155
 " a new fine adjustment, X, 161, 177
 " electric lamp for, X, 178, 179
 Microscopical, Catalogue for specimens, IX, 233
 " note on exhibitions, IX, 311, 357
 Mills, Henry, remarks, X, 178
 Moore, Allen Y., IX, 327
 Mosgrove, S. M., Reports by, X, 164
 Motion of the Diatoms, IX, 126
 Muscular fibers, Ending and relation of in the minute animals, IX, 207
 Muscular Coats of the cesophagus of domesticated animals, X, 128, 177
 Myrtal wax, IX, 345
 McIntosh, L. D., remarks, IX, 343
 " a microscope attachment, X, 155
 " exhibition by, X, 169, 178, 180
- N**ATURE of Protozoa and Lessons of these simplest animals, X, 5, 170
 Necrology, IX, 327; X, 165
 " Allen Y. Moore, IX, 327
 " Myron C. Davis, IX, 333
 " Lorenzo M. Kenyon, X, 165
 " Arthur M. Barker, X, 165
 Newark, excursion to, X, 181
 Nominating Committee, appointment of, IX, 344
 " names of, IX, 348
- O**BJECTIVES, apochromatic, IX, 342
 Oleomargariscope, X, 159, 177
 Oviatt, Boardman L., Cardiac muscle cells in man and certain other mammals, IX, 283, 356
 " " " Permanent potassium hydrate preparations, IX, 358
- P**EARSON, Leonard, The muscular coats of the cesophagus of the domesticated animals, X, 128, 177
 Pennock, Edward, remarks by, IX, 341, 347, 351
 Photographing with high powers by lamp-light, X, 143, 175
 Photomicrography, a new Camera, IX, 263, 280
 " Use of amplifier, IX, 263
 Pocket polariscope, X, 159, 177
 Proceedings (Pittsburgh), IX, 334
 " (Columbus), X, 166
 " to be delivered by express at members' expense, IX, 349
 " bound sets presented to Iron City Microscopical Society, and Pittsburgh library, IX, 353
 Property of A. S. M. (*see reports*).
 Protozoa, Nature of, X, 5
- R**ADIATION of heat between metals by induction and conduction, with numerical results for brass and for steel (abstract), X, 33, 177
- Rafter, George W., on the use of the amplifier, IX, 263
 " " " a new photo-micrographic camera, IX, 355
 Reeves, James E., Report, IX, 326
 " Remarks, IX, 343
 Reports, Remarks on the Fasoldt test-plate (R. H. Ward), IX, 318, 355
 " Slides belonging to A. S. M. (D. S. Kellicott), IX, 322
 " Treasurer and Custodian (Geo. E. Fell), IX, 324
 " Treasurer and Custodian (S. M. Mosgrove), X, 164
 " Spencer and Tolles fund, IX, 226
 " " X, 164
 " Auditors (C. M. Vorce, J. E. Reeves), IX, 326
 " Committee on micrometry, X, 163
 " Schedule of property in the hands of custodian, X, 164
 Resolutions, IX, 356
 Reynolds, R. N., remarks, IX, 347; X, 172
Rhus Succedanea, IX, 345
 Rogers, W. A., address, IX, 5
 " Remarks, IX, 355, 356, 358, 359
 " " The radiation of heat between metals by induction and conduction, X, 33, 177
- Rotifera, Notes on certain species, IX, 181
 " Note on a new rotifer, *Gamphogaster Areolatus*, IX, 350
 " Partial list from Shiawassee River, X, 84, 171
- S**COTT, President, address of welcome, X, 173
 Seaman, W. H., Remarks, IX, 341, 342; X, 167, 168, 171
 " " discussion on cements and waxes, IX, 345
 " " motion, IX, 351
 " " dry mounts, X, 172, 179
 " " resolution of thanks, X, 186
 Shrinkage of current-cells, IX, 173
 Smith, Hamilton L., contribution to the Life History of the Diatomaceæ, Part I, IX, 126
 Soft palate of the domestic cat, X, 58
 Spencer and Tolles fund, IX, 326
 " " attention called to, IX, 339
 " " establishment of Fellowship with, IX, 349
 " " Subscriptions to, IX, 350
 " " Report of Treasurer, IX, 326
 Stedman, J. M., The Tape Worm (methods of preparation for the museum and the microscope), IX, 243, 351
 " " A supposed new method of reproduction in the Sun-animalcule, X, 107, 172
 Stowell, T. B., The soft palate of the domestic cat, X, 58
 " " Remarks, X, 173
- T**APEWORM, Methods of preparation for museum and microscope, IX, 243
 Taylor, Thomas, Crystallography of butter and other fats, IX, 315

- Taylor, Thomas, The cellular structure of the black pepper berry, . . . X, 176
- “ “ a new pocket polariscope, X, 159, 177
- “ “ remarks, X, 172
- Treasurer, Reports of, . . IX, 324; X, 164, 181
- Trichinæ, Determination of the number in a given quantity of meat, IX, 191
- Tube length, parts included by various opticians, IX, 168
- “ “ resolution relating to, . . IX, 349
- Turner, H. H., remarks, . . IX, 342, 343, 356
- “ “ on testing photographic lenses, . . . IX, 350
- U**STILAGINEÆ, or Smuts, . . . X, 45, 176
- “ “ List of Illinois species, X, 56
- V**ORCE, C. M., note on a new rotifer, *Gamphogaster Areolatus*, IX, 250, 351
- “ “ Report, IX, 326
- Vorce, C. M., Memoir of Allen Y. Moore, IX, 327
- “ “ Remarks, IX, 350
- W**ARD, R. H., on a microscopical slide catalogue, IX, 233, 350
- “ Note on microscopical exhibitions, IX, 311, 357
- “ Remarks on the Fasoldt test-plate, IX, 318
- “ Description of new erecting apparatus, IX, 340
- Weber, H. A., Remarks, X, 169
- Westinghouse Electrical Co., invitation to visit, IX, 344
- Wellington, C., presentation to local society, X, 186
- Working Session, resolution relating to, IX, 349, 353; X, 177
- “ “ minutes of, IX, 352
- Z**EISS' apochromatic objectives, . . IX, 356